

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **NMNM57164**

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator **ENDURING RESOURCES LLC**

3a. Address **200 ENERGY COURT, FARMINGTON, NM 87401** 3b. Phone No. (include area code) **(505) 497-8574**

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 34/T23N/R9W/NMP

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. **LYBROOK 2309-34B/765**

9. API Well No. **3004535731**

10. Field and Pool or Exploratory Area
BASIN MANCOS/MANCOS W

11. Country or Parish, State
SAN JUAN/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off	
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity	
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input checked="" type="checkbox"/> Temporarily Abandon		
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal		

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

Enduring Resources would like to request a one year renewal for TA status of this well until 11/7/24 due to its recompletion potential. This will preserve the wellbore for future development activity as we continue to evaluate the area for the next two years. A successful MIT was conducted on 12/11/23.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751

Signature (Electronic Submission)

Title **Permitting Technician**

Date **12/12/2023**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by
MATTHEW H KADE / Ph: (505) 564-7736 / Approved

Title **Petroleum Engineer** Date **12/13/2023**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **FARMINGTON**

Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Additional Information

Location of Well

0. SHL: NWNE / 550 FNL / 1508 FEL / TWSP: 23N / RANGE: 9W / SECTION: 34 / LAT: 36.189193 / LONG: -107.772444 (TVD: 4460 feet, MD: 10961 feet)

PPP: NWNE / 714 FNL / 1395 FEL / TWSP: 23N / RANGE: 9W / SECTION: 34 / LAT: 36.188741 / LONG: -107.772059 (TVD: 4460 feet, MD: 10961 feet)

BHL: NWNE / 399 FNL / 1516 FEL / TWSP: 23N / RANGE: 9W / SECTION: 35 / LAT: 36.189608 / LONG: -107.772469 (TVD: 4460 feet, MD: 10961 feet)



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Farmington District Office
6251 College Boulevard, Suite A
Farmington, New Mexico 87402
<http://www.blm.gov/nm>

December 13, 2023

CONDITIONS OF APPROVAL

Sundry Notice of Intent ID # 2765703 Request for Temporary Abandonment Status

Operator: Enduring Resources LLC
Lease: NMNM 057164
Well(s): Lybrook 2309-34B 765, API # 30-045-35731
Location: NWNE Sec 34 T23N R9W (San Juan County, NM)

The request to extend the temporary abandonment (TA) is approved with the following conditions:

1. No well shall be TA without prior approval from the authorized officer or representative.
2. This approval is granted for a 12-month period until November 7, 2024. Before this approval expires one of the following shall be submitted:
 - a. A sundry notice (notice of intent) to keep the well in TA status with engineering and/or economic justification for another 12-month period.
 - b. A sundry notice (subsequent report) with resumption of production reported.
 - c. A sundry notice (notice of intent) to plug and abandon (P&A) the well. While not necessary to P&A before November 7, 2024, a sundry notice must be submitted prior to that date.
3. This agency reserves the right to modify or rescind approval. A plug or produce order may still be issued at the discretion of the authorized officer.
4. The lease is currently held by production from other wells. Should production from the lease cease, the BLM may require this well be returned to production or P&A, regardless of the amount of time the TA status is still approved for.

For questions concerning this matter, please contact Matthew Kade, Petroleum Engineer at the BLM Farmington Field Office, at (505) 564-7736 or mkade@blm.gov.

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(June 2019)

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Oil Well Gas Well Other

8. Well Name and No. **LYBROOK 2309-34B/765**

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(505) 497-8574

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4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
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12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

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ENDURING RESOURCES CONDUCTED MIT TEST ON 12/11/23. TESTED TO 550 PSI AND HELD FOR 30 MINUTES, TESTED GOOD PER ATTACHED CHART. MIT TEST CHART ATTACHED.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
HEATHER HUNTINGTON / Ph: (505) 636-9751

Title **Permitting Technician**

Signature (Electronic Submission)

Date **12/12/2023**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

MATTHEW H KADE / Ph: (505) 564-7736 / Accepted

Title **Petroleum Engineer**

Date **12/13/2023**

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office **FARMINGTON**

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(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

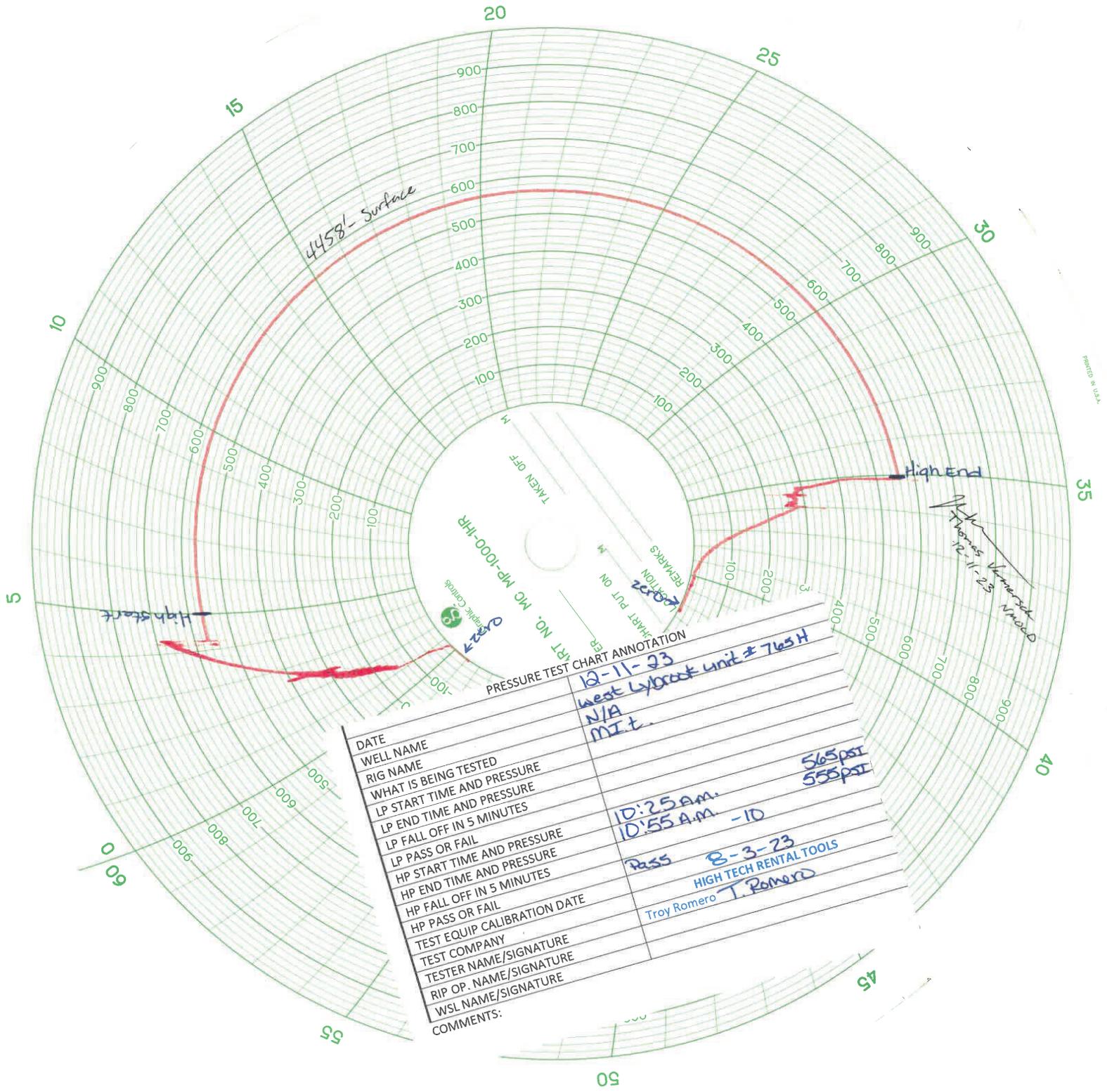
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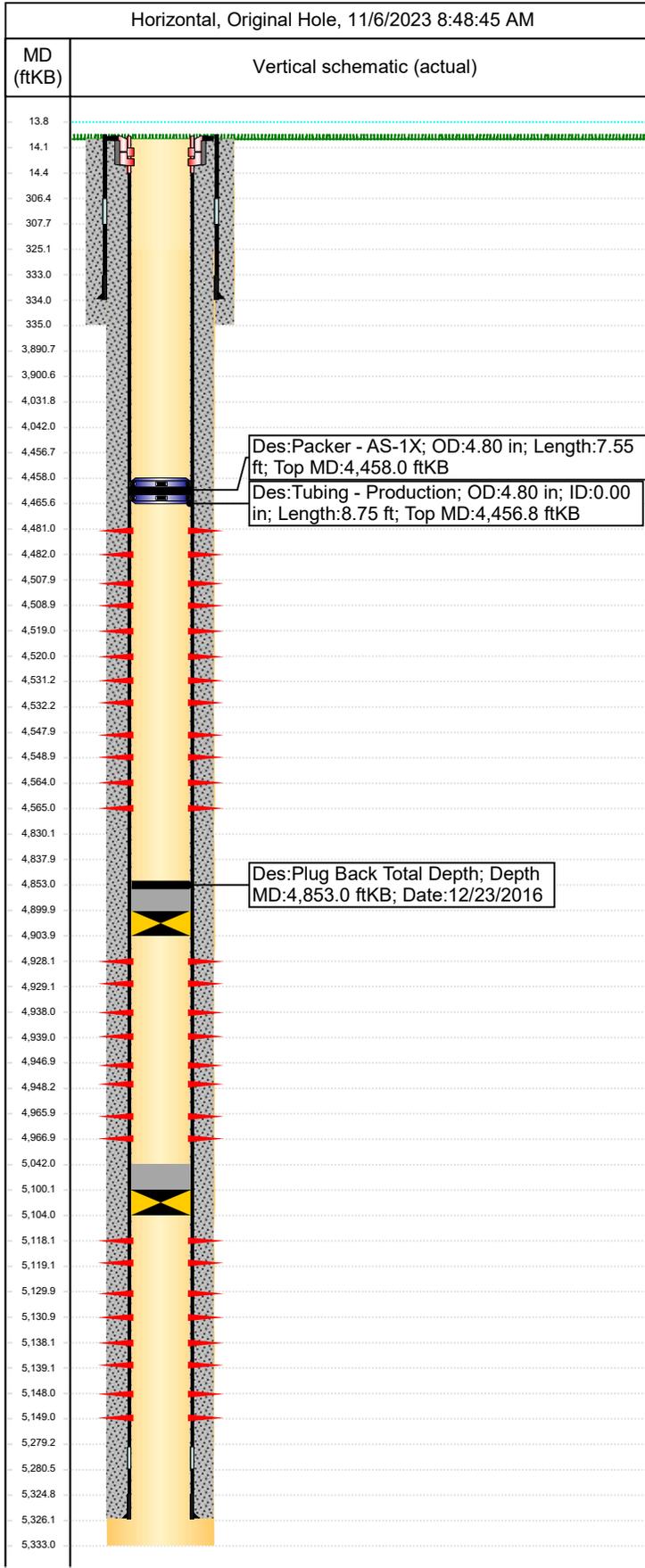
DATE	12-11-23
WELL NAME	West Lybrook Unit # 765 H
RIG NAME	N/A
WHAT IS BEING TESTED	MIT
LP START TIME AND PRESSURE	
LP END TIME AND PRESSURE	
LP FALL OFF IN 5 MINUTES	
LP PASS OR FAIL	
HP START TIME AND PRESSURE	10:25 AM
HP END TIME AND PRESSURE	10:55 AM
HP FALL OFF IN 5 MINUTES	
HP PASS OR FAIL	Pass
TEST EQUIP CALIBRATION DATE	8-3-23
TEST COMPANY	HIGH TECH RENTAL TOOLS
TESTER NAME/SIGNATURE	Troy Romero
RIP OP. NAME/SIGNATURE	T. Romero
WSL NAME/SIGNATURE	
COMMENTS:	



Enduring Resources IV - Production WBD with perfs

Well Name: LYBROOK 2309-34B 765

API/UWI 30-045-35731	Surface Legal Location LYBROOK 2309-34B 765	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,710.01	KB-Tubing Head Distance (ft)	Spud Date 4/25/2016 09:15	Rig Release Date	PBTD (All) (ftKB) Original Hole - 4,853.0	Total Depth All (TVD) (ftKB)



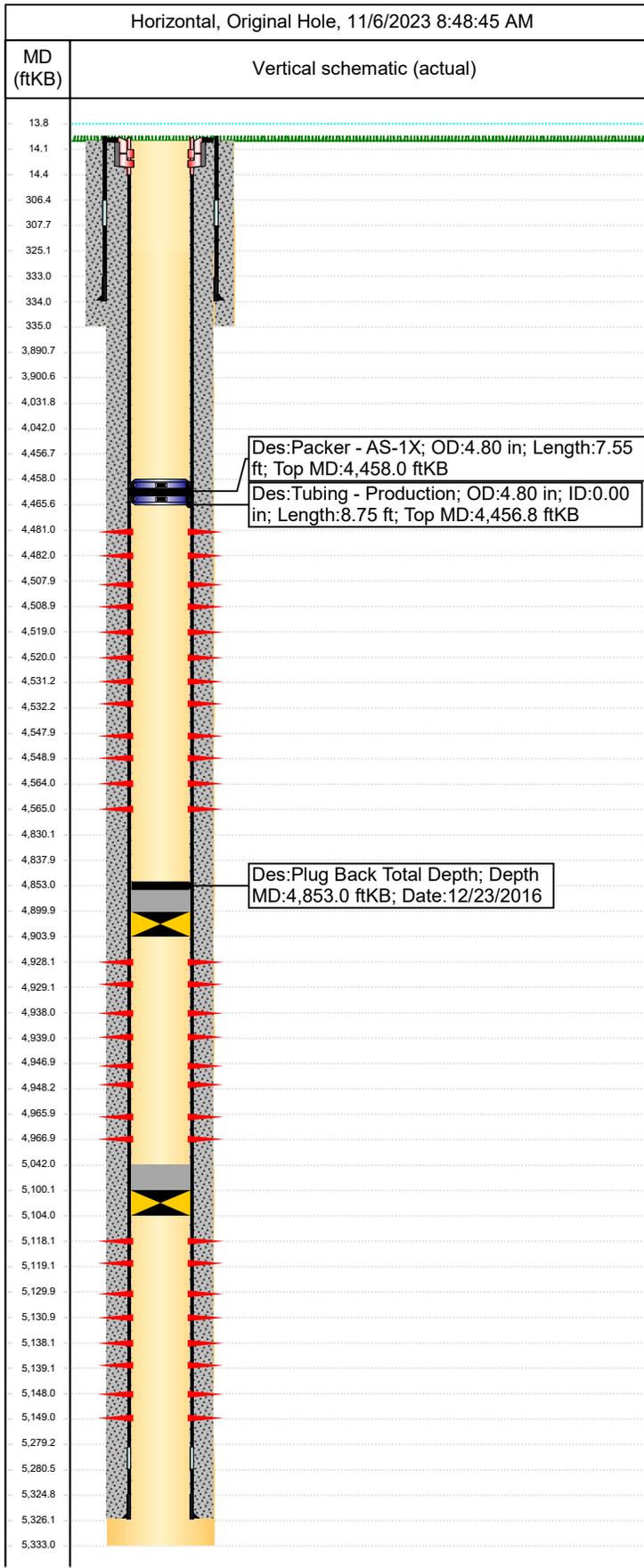
Wellbore Sections						
Section Description SURFACE	Size (in) 12 1/4	Act Top (ft...) 14.0	Act Top (T...) 14.0	Act Btm (ft...) 335.0	Act Btm (T...) 335.0	
Section Description INTERMEDIATE	Size (in) 8 3/4	Act Top (ft...) 325.0	Act Top (T...) 325.0	Act Btm (ft...) 5,333.0	Act Btm (T...)	
Rod Strings						
Rod Description	Run Date	String Length (ft)		Set Depth (ftKB)		
Item Des	Jts	OD (in)	Len (ft)	Top (ftKB)	Btm (ftKB)	
Tubing - Production set at 4,465.6ftKB on 10/25/2023 13:00						
Tubing Description Tubing - Production	Run Date 10/25/2023	String Length (ft) 8.75		Set Depth (ftKB) 4,465.6		
Item Des	Jts	Grade	Wt (lb/ft)	OD (in)	ID (in)	Len (ft)
On/Off tool w/plug set in 2.25" profile	1					1.20
Packer - AS-1X	1			4.8		7.55
Top (ftKB)				4,456.8	4,458.0	
Btm (ftKB)				4,458.0	4,465.6	
SURFACE CASING, 334.0ftKB						
OD (in) 9 5/8	Wt/Len (lb/ft) 36.00	String Grade J-55	Top Connection LT&C	Top (ftKB) 13.9	Set Depth (ftKB) 334.0	
Item Des	Jts	Len (ft)		Top (ftKB)	Btm (ftKB)	
Casing - Casing, Casing, in, ppf, , ,	15	292.45		13.9	306.4	
Float Collar - Float Collar, Float Collar, in, 36.00 ppf, J-55, ,	1	1.50		306.4	307.9	
Casing - Casing, Casing, in, 36.00 ppf, J-55, ,	1	25.11		307.9	333.0	
Casing Shoe - Casing Shoe, Casing Shoe, in, 36.00 ppf, J-55, ,	1	1.00		333.0	334.0	
PRODUCTION CASING #1, 5,326.0ftKB						
OD (in) 5 1/2	Wt/Len (lb/ft) 17.00	String Grade P-110	Top Connection 8RD	Top (ftKB) 14.0	Set Depth (ftKB) 5,326.0	
Item Des	Jts	Len (ft)		Top (ftKB)	Btm (ftKB)	
Casing Hanger		0.50		14.0	14.5	
Casing Joints	89	3,876.40		14.5	3,890.9	
Marker Joint - MARKER JOINT	1	9.65		3,890.9	3,900.5	
Casing Joints	3	131.40		3,900.5	4,031.9	
Marker Joint - MARKER JOINT	1	9.95		4,031.9	4,041.9	
Casing Joints	18	788.05		4,041.9	4,829.9	
Marker Joint - MARKER JOINT	1	8.04		4,829.9	4,837.9	
Casing Joints	10	441.41		4,837.9	5,279.4	
Float Collar - CASING FLOAT COLLAR	1	1.20		5,279.4	5,280.6	
Casing - SHOE JOINT	1	44.14		5,280.6	5,324.7	
Casing Shoe - GUIDE SHOE	1	1.30		5,324.7	5,326.0	
Cement						
Description Surface Casing Cement	Cementing Start Date 4/25/2016		Cementing End Date 4/25/2016			
Comment Pump 10 bbls FW spacer, dump 28.9 bbls (101 sxs) Type I-II cmt w/ 20% flyash @ 14.5 PPG into casing, drop plug & disp w/ 22.8 bbls H2O, bump plug @ 350 psi, circ 8 bbls good cmt to surface						
Check float, float held, RD rig & closed-loop equip , move off						
Formation Tops:						
El Vado - 4,280' MD						
Gallup - 4,404' MD						
Juana Lopez - 4,842' MD						
Carlile - 4,991' MD						



Enduring Resources IV - Production WBD with perfs

Well Name: LYBROOK 2309-34B 765

API/UWI 30-045-35731	Surface Legal Location LYBROOK 2309-34B 765	Field Name CHACO	License #	State/Province NEW MEXICO	Well Configuration Type Horizontal
Original KB Elevation (ft) 6,710.01	KB-Tubing Head Distance (ft)	Spud Date 4/25/2016 09:15	Rig Release Date	PBD (All) (ftKB) Original Hole - 4,853.0	Total Depth All (TVD) (ftKB)



Cement		
Description PRODUCTION CASING #1	Cementing Start Date 5/23/2016	Cementing End Date 5/23/2016

Comment
 HALLIBURTON CMT 5 1/2 " CSG WITH 70% EXCESS FIGURED, PRESS TEST PUMPS LINES 5200 PSI, START 5 BBLs FRESH WATER, 40 BBLs TUNED SPACER MIXED @ 11.5PPG, LEAD: 760 SX (261 BBLs) HALCEM MIXED @ 12.4 PPG, YD-1.93, WATER 9.92 GAL/SX, ADDITIVES 6% BENTONITE, 5 LB/SX KOLSEAL, 1/8 PPSX, POLY-E-SEAL, 0.15% HR5, TAIL IN W/ 600 SX (139 BBLs) VARACEM MIXED @ 13.5 PPG, YD 1.3, WATER 5.81 GAL/SX, ADDITIVES 0.125 PF, 0.05 SA1015, 0.2% VERSASET, 0.3% HALAD 567, 1% BENTONITE, WASH PUMPS LINES, DROP TOP PLUG, DISPLACE W/ 122 BBLs 2% KCL, INHIBITED, BUMP PLUG @ 18:29 5/23/2016 T/ 2150 PSI, PRESS PRIOR 1600 PSI, FLOATS HELD BLED BACK 1 BBLs, RINSE OUT CEMENT LINES, RIG DOWN HALLIBURTON.

Perforations					
Date	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens...	Enter...
10/1/2016	Stage 03, Original Hole	4,481.0	4,482.0	4.0	
10/1/2016	Stage 03, Original Hole	4,508.0	4,509.0	4.0	
10/1/2016	Stage 03, Original Hole	4,519.0	4,520.0	4.0	
10/1/2016	Stage 03, Original Hole	4,531.0	4,532.0	4.0	
10/1/2016	Stage 03, Original Hole	4,548.0	4,549.0	4.0	
10/1/2016	Stage 03, Original Hole	4,564.0	4,565.0	4.0	
9/10/2016	Stage 02, Original Hole	4,928.0	4,929.0	4.0	
9/10/2016	Stage 02, Original Hole	4,938.0	4,939.0	4.0	
9/10/2016	Stage 02, Original Hole	4,947.0	4,948.0	4.0	
9/10/2016	Stage 02, Original Hole	4,966.0	4,967.0	4.0	
8/17/2016	Stage 01, Original Hole	5,118.0	5,119.0	4.0	
8/17/2016	Stage 01, Original Hole	5,130.0	5,131.0	4.0	
8/17/2016	Stage 01, Original Hole	5,138.0	5,139.0	4.0	
8/17/2016	Stage 01, Original Hole	5,148.0	5,149.0	4.0	

Other In Hole			
Description	Top (ftKB)	Btm (ftKB)	Run Date
Bridge Plug - Permanent	5,100.0	5,104.0	9/9/2016
Cement	5,042.0	5,100.0	9/9/2016
Bridge Plug - Permanent	4,900.0	4,904.0	12/22/2016
Cement	4,853.0	4,900.0	12/23/2016

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 294025

CONDITIONS

Operator: ENDURING RESOURCES, LLC 6300 S Syracuse Way, Suite 525 Centennial, CO 80111	OGRID: 372286
	Action Number: 294025
	Action Type: [C-103] Sub. Temporary Abandonment (C-103U)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	TA status is approved until 11/7/2024.	1/10/2024